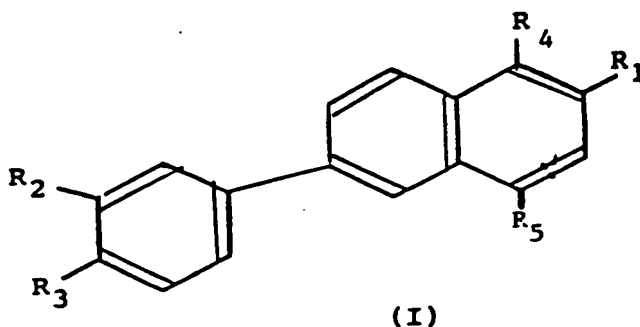


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Abstract of the Disclosure

A benzonaphthalene compound has the formula



PS H T10X B wherein R₁ represents (i) -C(=O)-R_6 or (ii) $\text{-CH}_2\text{OH}$; R₆ represents

T10X PS H $\text{-N} \begin{matrix} \text{r}' \\ \text{r}'' \end{matrix}$ or OR₇ wherein R₇ represents hydrogen, alkyl having

1440 1-20 carbon atoms, monohydroxyalkyl or polyhydroxyalkyl, r' or r''
H 17 represent hydrogen, lower alkyl, mono or polyhydroxyalkyl, aryl
17 or a residue of an amino acid or a sugar, or together form a
H 14 heterocycle; R₂ represents hydrogen, alkyl having 1-15 carbon
17 atoms, alkoxy having 1-4 carbon atoms or a cycloaliphatic
H 14 radical; R₃ represents hydrogen, hydroxy, alkyl having 1-4 carbon
17 atoms, alkoxy having 1-10 carbon atoms, a cycloaliphatic radical,
13 H a thiocycloaliphatic radical or $\text{-O-Si(CH}_3)_2\text{-R}_8$ wherein R₈
L represents lower alkyl; and R₄ and R₅ represent hydrogen, lower
alkyl, hydroxy or lower acyloxy.

This compound is useful in the topical and systemic treatment of dermatologic diseases and in the treatment of the degeneration of conjunctive tissues. The compound also possesses anti-tumor acitivity.

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